

## Modification Highlights for VR-201 and VR-202 Revision M

### Executive Orders VR-201 and VR-202:

- Legal Language has been updated to reflect latest revision level, VR-201-M and VR-202-M.
- Document headers and footers on Exhibits 1-12 have been updated to reflect latest revision level, VR-201-M and VR-202-M.
- Under the legal language portion of both documents, the certification expiration date has been extended through September 1, 2011 to allow additional time to complete the renewal evaluation

### Executive Order VR-202 Only:

- Exhibit 1, Page 25, ISD Software Version changed from 1.02 to 1.03.
- Exhibit 2, Page 20, added language that reads:

#### ***“Shutdown Control***

*The TLS Console must be wired per the Veeder-Root ISD Install, Setup and Operation Manual 557013-800, Rev. E of the ARB Approved Installation, Operation and Maintenance Manual for the Healy Phase II EVR System Including the Veeder-Root ISD System such that it shall automatically prohibit the dispensing of individual dispensers or through shutdown of all the gasoline turbine pumps during a CP-201 ISD failure alarm. It shall also automatically prohibit the dispensing of all dispensers during a TLS Console ISD system power loss.”*

- Exhibit 2, Page 22, Figure 2B-7, ISD daily report illustration, software version changed from 1.02 to 1.03.
- Exhibit 9, Veeder-Root ISD Operability Test Procedures, Section 3.2 added, 4.1 modified, 5.3 modified and 8.1 modified to address the limited range of the ISD pressure sensor, when the vacuum exceeds -5 inches WC.
- Exhibit 10, FFS INCON ISD Operability Test, Page 9, amended the INCON ISD operability test procedure to include a test of the ISD vapor pressure sensor when exposed to UST pressure. This is in addition to the previously required ambient reference test.
- Exhibit 11, Section 4 (Equipment). The bulleted format has been eliminated to reflect a consistent format.

## **Installation, Operation and Maintenance Manual**

The following changes were only made to IOM 20: Veeder-Root ISD Install, Setup, & Operation Manual:

- Page iii, Warranty updated to expand language from one paragraph to four. Add warranty language for components that are installed after initial ISD startup. Added language that requires a Warranty Registration and Checkout Form to be filed with Veeder-Root. Added additional liability language.
- Page 1-1, Site Requirements, bullet 4, to add dispenser relay boards for single dispenser shutdown.
- Page 1-3, Table 1-2, I/O manual added.
- Page 2-1, Installation equipment list, added Dispenser Relay Module.
- Page 2-3, Site Shutdown Requirements Updated for Dispenser Relay.
- Page 3-1, Alarm Setup updated for Dispenser Shutdown.
- Page 3-7, Figure 3-6 EVR/ISD Setup updated for Dispenser Shutdown.
- Page 3-8, Alarm Setup Introduction updated.
- Page 3-9, Figure 3-8 added.
- Page 3-10, Updated Figure 3-9 to note dispenser relay option.
- Page 3-11, Figure 3-10 description added.
- Page 3-12, Updated Figure 3-11 to note dispenser relay option.
- Page 3-13, Figure 3-12 description added.
- Page 3-14, Alarm Setup for Sites with Dispenser Relays added, Figure 3-13 added.
- Page 3-15, Figure 3-14 added.
- Page 6-1, added language concerning operator maintenance of paper and LED warning indicators of the TLS console.

## Modifications Summary for VR-204 Revision H

### Executive Order

- Legal Language
  - Legal language has been updated to reflect latest revision level, VR-204-H.
- Renumbered Executive Order Exhibits for simplicity and changed all Executive Order documents to reference revised Exhibit numbers. Merged Exhibit 7 warranty information into Exhibit 3.
- All Exhibits
  - Headers and Footers need to be changed to reflect VR-204-H.
- Exhibit 1
  - Replaced ISD Software version from 1.02 to 1.03
- Exhibit 2
  - VR-204-H only, revised language as follows:

### **Shutdown Control**

The TLS Console must be wired per the *Veeder-Root ISD Install, Setup and Operation Manual 577013-937 Rev. D* of the *ARB Approved Installation, Operation and Maintenance Manual for the VST Phase II EVR System Including the Veeder-Root ISD System* such that it shall automatically prohibit the dispensing of individual dispensers or through shutdown of all the gasoline turbine pumps during a CP-201 ISD failure alarm. It shall also automatically prohibit the dispensing of all dispensers during a TLS Console ISD system power loss.

- Exhibit 17
  - (Was Exhibit 13, now changed to Exhibit 17). Added paragraph to page 5, section 3.2 that reads:

If this command does not provide results for all vapor flow meters installed at the GDF, the last two digits of the command can be altered to obtain individual flow meter readings. Therefore, it is acceptable to enter the following alternate command: IV87XX; when XX=any value from 00 to 18 (18 is the maximum number of flow meters that a single TLD 350 can accommodate).

### PMC Software

- Veeder-Root removed the VP Over Pressure warning/alarm from PMC software version 1.02 in VR-203 for both the Vapor Polisher and VST ECS Processor. A feature will also be added to the PMC software to switch the Vapor Polisher mode setting from Manual to Automatic after 4 hours. The PMC software version number will be changed from 1.02 to 1.03.

#### Installation, Operation and Maintenance Manual

- Deleted Section 1, 2, 4, and 5 from the Installation, Operation, and Maintenance (IOM) Manual. Renumbered IOM sections.
- The Installation, Operation and Maintenance Manual (IOM) 577013-937

<b>577013-937 ISD Install, Setup &amp; Operation Manual (204)</b>	
Page	Description
1	Site Requirements - bullet 4
3	Table 2, I/O manual added
5	Installation equipment list: added Dispenser Relay Module
7	Site Shut Down Requirements updated for Dispenser Relay
10	Alarm Setup updated for Dispenser shutdown
13	Figure 7 Menu updated
16	Figure 10 ISD Status updated
20	Figure 15 added
22	Figure 17 updated
24	Figure 19 updated
25	Alarm Setup for Sites With Dispenser Relays added, figure 20 added.
26	Figure 21 added
35	Pre-Test Procedures, Item 2, modified to reference RS232 document.
48	Figure 36 updated to show standard mode
54	Figure 42 updated to show standard mode